



#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hu et al.
Application No.: 10/036,328
Filed: October 29, 2001 Group Art Unit: 1646
Title: Novel Human 7TM Proteins and
Polynucleotides Encoding the Same
Attorney Docket No.: LEX-0262-USA

VERIFIED STATEMENT UNDER 37 C.F.R. § 1.821(f)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Drenda D. Thomas, do declare and state as follows:

1. I prepared a Sequence Listing in paper and computer readable form under 37 C.F.R. § 1.821 - 1.825 in connection with the above-captioned patent application.
2. I hereby state that the contents of the paper and computer readable copies of the Sequence Listing are the same and that the computer readable form being submitted herewith does not include new matter.

3/22/02
Date

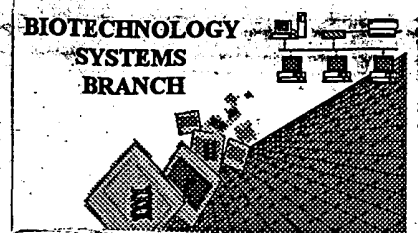
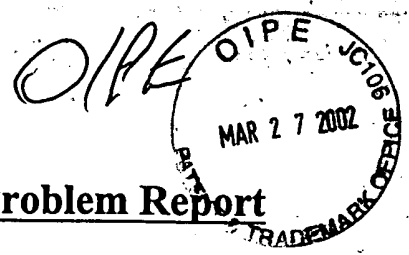
Drenda Thomas
Drenda D. Thomas



24231

PATENT TRADEMARK OFFICE

0420



CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 10/036,328
Filing Date: 10/29/2001
Date Processed by STIC: 1/23/2002

STIC Contact: Mark Spencer, 703-308-4212

Nature of Problem:

The CRF (was):

- ☒ (circle one) Damaged or Unreadable (for Unreadable, see attached)
☐ Blank (no files on CRF) (see attached)
☐ Empty file (filename present, but no bytes in file) (see attached)
☐ Virus-infected. Virus name: _____ The STIC will not process the CRF.
☐ Not saved in ASCII text
☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.
☐ Did not contain a Sequence Listing. (see attached sample)
☐ Other: _____

**PLEASE USE THE CHECKER VERSION 3.1 PROGRAM TO REDUCE ERRORS.
SEE BELOW FOR ADDRESS:**

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

10/036,328

A:\>DIR

Volume in drive A has no label
Directory of A:\

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	1 file(s)				48,848 bytes	
	0 dir(s)				1,408,512 bytes free	

A:\>TYPE LEX-02~1.TXT|MORE

Read fault error reading drive A
Abort, Retry, Fail?F
Fail on INT 24 - LEX-02~1.TXT

*Onscreen message
when STTC PC tried to
read submitted file*

A:\>

0380 #6



OIEP

RAW SEQUENCE LISTING

DATE: 04/08/2002

PATENT APPLICATION: US/10/036,328A

TIME: 14:53:01

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Output Set: N:\CRF3\04082002\J036328A.raw

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 5 Zambrowicz, Brian
 6 Nepomnichy, Boris
 8 <120> TITLE OF INVENTION: Novel Human 7TM Proteins and Polynucleotides Encoding the
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 10 <130> FILE REFERENCE: LEX-0262-USA
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 C--> 12 <141> CURRENT FILING DATE: 2001-10-29
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/036,328A

DATE: 04/08/2002

TIME: 14:53:01

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96 20 25 30
97 Pro Thr Ser Asn Glu Met Glu Thr Glu Thr Leu His Leu Val Pro Gly
98 35 40 45
99 Pro Leu Ser Thr Phe Thr Ala Ser Gln Thr Gly Leu Val Ser Lys Asp
100 50 55 60
101 Val Met Ala Met Ser Ser Ile Pro Met Ser Gly Ile Leu Pro Asn His
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/036,328A

DATE: 04/08/2002

TIME: 14:53:01

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Output Set: N:\CRF3\04082002\J036328A.raw

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107 Val Thr Pro Gly Thr Thr Leu Pro Ser Ile Leu Ser Gly Ala Thr Ser
108      115      120      125
109 Gly Ser Val Ile Ser Lys Ser Pro Ile Leu Thr Trp Leu Leu Ser Ser
110      130      135      140
111 Leu Pro Ser Gly Ser Pro Ala Thr Val Ser Asn Ala Pro His Val
112 145      150      155      160
113 Met Thr Ser Ser Thr Val Glu Val Ser Lys Ser Thr Phe Leu Thr Ser
114      165      170      175
115 Asp Met Ile Ser Ala His Pro Phe Thr Asn Leu Thr Thr Leu Pro Ser
116      180      185      190
117 Ala Thr Met Ser Thr Ile Leu Thr Arg Thr Ile Pro Thr Pro Thr Leu
118      195      200      205
119 Gly Gly Ile Thr Thr Gly Phe Pro Thr Ser Leu Pro Met Ser Ile Asn
120      210      215      220
121 Val Thr Asp Asp Ile Val Tyr Ile Ser Thr His Pro Glu Ala Ser Ser
122 225      230      235      240
123 Arg Thr Thr Ile Thr Ala Asn Pro Arg Thr Val Ser His Pro Ser Ser
124      245      250      255
125 Phe Ser Arg Lys Thr Met Ser Pro Ser Thr Thr Asp His Thr Leu Ser
126      260      265      270
127 Val Gly Ala Met Pro Leu Pro Ser Ser Thr Ile Thr Ser Ser Trp Asn
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131 Thr Leu Asp Ser Leu Leu Asn Ile Met Thr Thr Thr Ser Thr Val Pro
132 305      310      315      320
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134      325      330      335
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137 Asp Ser Thr Pro Ser Phe Leu Ser Thr Glu Ala Ser Thr Ser Pro Thr
138      355      360      365
139 Ala Thr Lys Ser Thr Val Ser Phe Tyr Asn Val Glu Met Ser Phe Ser
140      370      375      380
141 Val Phe Val Glu Glu Pro Arg Ile Pro Ile Thr Ser Val Ile Asn Glu
142 385      390      395      400
143 Phe Thr Glu Asn Ser Leu Asn Ser Ile Phe Gln Asn Ser Glu Phe Ser
144      405      410      415
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146      420      425      430
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148      435      440      445
149 Met Ala Thr Ile Ser Tyr Val Pro Tyr Ser Cys Val Cys Gln Val Ile
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/036,328A

DATE: 04/08/2002

TIME: 14:53:01

Input Set : A:\LEX-0262-USA SEQLIST.txt

Output Set: N:\CRF3\04082002\J036328A.raw

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156          500          505          510
157 Glu Pro Gly Asn Cys Lys Ala Asp Glu Thr Ala Ser Lys Tyr Lys Gly
158          515          520          525
159 Thr Tyr Lys Trp Leu Leu Thr Asn Pro Thr Glu Thr Ala Gln Thr Arg
160          530          535          540
161 Cys Ile Lys Asn Glu Asp Gly Asn Ala Thr Arg Phe Cys Ser Ile Ser
162 545          550          555          560
163 Ile Asn Thr Gly Lys Ser Gln Trp Glu Lys Pro Lys Phe Lys Gln Cys
164          565          570          575
165 Lys Leu Leu Gln Glu Leu Pro Asp Lys Ile Val Asp Leu Ala Asn Ile
166          580          585          590
167 Thr Ile Ser Asp Glu Asn Pro Glu Asp Val Ala Glu His Ile Leu Asn
168          595          600          605
169 Leu Ile Asn Glu Ser Pro Ala Leu Gly Lys Glu Glu Thr Lys Ile Ile
170          610          615          620
171 Val Ser Lys Ile Ser Asp Ile Ser Gln Cys Asp Glu Ile Ser Met Asn
172 625          630          635          640
173 Leu Thr His Val Met Leu Gln Ile Ile Asn Val Val Leu Glu Lys Gln
174          645          650          655
175 Asn Asn Ser Ala Ser Asp Leu His Glu Ile Ser Asn Glu Ile Leu Arg
176          660          665          670
177 Ile Ile Glu Arg Pro Gly His Lys Met Glu Phe Ser Gly Gln Ile Ala
178          675          680          685
179 Asn Leu Ala Val Ala Gly Leu Ala Leu Ala Val Leu Arg Gly Asp His
180          690          695          700
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182 705          710          715          720
183 Asp Pro Asp Ile Phe Leu Gly Asn Val Pro Val Gly Gly Ile Leu Ala
184          725          730          735
185 Ser Ile Tyr Leu Pro Lys Ser Leu Thr Glu Arg Ile Pro Leu Ser Asn
186          740          745          750
187 Leu Gln Pro Ile Leu Phe Asn Phe Phe Gly Gln Thr Ser Leu Phe Lys
188          755          760          765
189 Thr Lys Asn Val Thr Lys Ala Leu Thr Thr Tyr Val Val Ser Ala Ser
190          770          775          780
191 Ile Ser Asp Met Phe Ile Gln Asn Leu Ala Asp Pro Val Val Ile Thr
192 785          790          795          800
193 Leu Gln His Ile Gly Gly Asn Gln Asn Tyr Gly Gln Val His Cys Ala
194          805          810          815
195 Phe Trp Asp Phe Glu Asn Asn Asn Gly Leu Gly Gly Trp Asn Ser Ser
196          820          825          830
197 Gly Cys Lys Val Lys Glu Thr Asn Val Asn Tyr Thr Ile Cys Gln Cys
198          835          840          845
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RAW SEQUENCE LISTING

DATE: 04/08/2002

PATENT APPLICATION: US/10/036,328A

TIME: 14:53:01

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Output Set: N:\CRF3\04082002\J036328A.raw

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205 Ala Phe His Lys Leu Arg Lys Asp Tyr Pro Ala Lys Ile Leu Ile Asn
206      900      905      910
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208      915      920      925
209 Trp Leu Ser Ser Phe Gln Lys Val Gly Val Cys Ile Thr Ala Ala Val
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225 Ile Gln Lys Thr Arg Arg Lys Met Ile Leu His Asp Leu Lys Gly Thr
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232 1105      1110      1115      1120
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235 Arg Leu Asp Asn Ser Ser Asp Gly Ser Ser Arg Cys Gln Ile Lys Val
236      1140      1145      1150
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/036,328A

DATE: 04/08/2002

TIME: 14:53:02

Input Set : A:\LEX-0262-USA SEQLIST.txt

Output Set: N:\CRF3\04082002\J036328A.raw

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date